

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appr. No. : 10/807,342  
Applicant : Bumman KIM et al.  
Filed : March 24, 2004  
TC/A.U. : 2817  
Examiner :

Docket No. : 1751-356  
Customer No. : 06449  
Confirmation No. : 3490

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

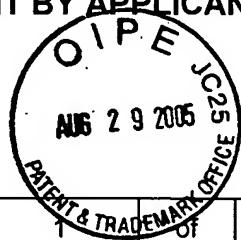
Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. A copy of the Japanese Office action and English translation are also enclosed for consideration. Materials submitted for consideration are listed on the attached form PTO-1449.

Respectfully submitted,

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Enclosure(s): Japanese Office Action with English Translation  
(2) Cited References

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**



*Complete if Known*

Application Number	10/807,342
Filing Date	March 24, 2004
First Named Inventor	Bumman KIM et al.
Group Art Unit	2817
Examiner Name	
Confirmation No.	3490
Attorney Docket Number	1751-356

Sheet

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OF

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	1	JP	2002-038682		MILLIPORE CORPORATION	05-23-2002	AB
	2	JP	1998-086858		MOTOROLA, INC.	12-05-1998	AB

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.